



DPS-FORENSIC BIOLOGIST IV

Characteristics of Work

This is professional work in the field of forensic sciences conducting independent Polymerase Chain Reaction/Deoxyribonucleic Acid (PCR/DNA) analyses to identify and compare physical evidence, providing technical instruction on forensic-related topics, presenting expert testimony in courts of law and consulting with law enforcement officers, attorneys, pathologists and other members of the criminal justice community. Employee carries out the requirements called for in the section's Standard Operating Procedures Manual under the supervision of the appropriate section chief. Incumbents of this position should possess instructor certification, or be eligible for certification, have demonstrated involvement in the advancement of forensic science through active participation in forensic organizations, and be certified, or eligible for certification, to conduct independent case analyses by the Mississippi Crime Laboratory. The omission of specific statements does not preclude management from assigning specific duties not listed herein if such duties are a logical assignment to the position. This position is located within the Bioscience Section.

Examples of Work

The following are examples of work performed for positions in this job class, and are not intended to reflect the essential functions of any one position. The essential functions of each individual position are determined and maintained by each individual agency.

Examines evidence for the presence of biological materials.

Conducts comparisons between known materials and questioned materials recovered from crime scenes, suspects or victims.

Performs chemical, microscopic and instrumental examinations on biological specimens.

Assists in training of new or less experienced analysts in the technical aspects of their position.

Participates in forensic training of law enforcement officers.

Presents expert testimony in courts of law.

Conducts examinations in PCR/DNA procedures.

Performs data entry and interaction with the DNA database Combine DNA Indexing System (CODIS).

Actively participates in and attends meetings and committee activities to enhance the science.

Motivates employees to improve the quality and quantity of work performed.

Assists in planning workloads, workflow, deadlines, work objectives and time utilization with employees.

Coordinates proper operation and technical maintenance of analytical instrumentation.

Compiles sectional statistical data for administrative review and decisions.

Related or similar duties are performed as required or assigned.

Minimum Requirements

A Bachelor's Degree from an accredited four-year college or university in biology, chemistry, forensic science or a directly related field and eight (8) years of experience in a laboratory environment, with a minimum of six (6) months of forensic DNA laboratory experience;

AND

Certification from a recognized forensic certification program.

Special Requirements (as determined by the employing agency:)

Must have successfully completed proficiency tests as required by the American Society of Crime Laboratory Directors (ASCLD).

Must be certified, or eligible for certification, as an instructor with the Mississippi Board of Law Enforcement Officer's Standards and Training.

Must be certified, or eligible for certification, to conduct independent professional case analyses by the Mississippi Crime Laboratory.

Required Document: Applicant must attach a valid copy of his/her official transcript or other evidence to verify completion of required course work.

Applicant must provide documentation of compliance with the standards issued in the 1994 DNA Identification Act federal legislation and further defined by the DNA Advisory Board (DAB).